AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. through 7. (canceled).

8. (currently amended): The method of claim ~~7~~ 18 or claim 19 wherein heating the light emitting layer and the insulating layer comprises chemically ~~a mechanism causing the phosphor to protrude from the light emitting layer into the insulating layer is by chemical~~ softening ~~of~~ the insulating layer.

9. (previously presented): The method of claim ~~7~~ 18 or claim 19 wherein heating the light emitting layer and the insulating layer comprises ~~the phosphor particles are caused to protrude from the light emitting layer into the insulating layer by~~ heating the binder in the insulating layer above its softening point.

10. (currently amended): The method of claim ~~7~~ 18 or claim 19 wherein the insulating layer ~~contains~~ comprises a dielectric material.

11. (currently amended): The method of claim ~~7~~10 wherein the dielectric material is Barium Titanate.

12. (currently amended): The method of claim ~~7~~ 18 or claim 19 wherein the light emitting layer further comprises a solvent and wherein the solvent ~~solvent used in the light emitting layer~~ is a solvent for the insulating layer.

13. (currently amended): The method of claim ~~7~~ 18 or claim 19 wherein the phosphor-polymer dispersion comprises phosphor particles and binder in a ratio of ~~amount of binder to phosphor particles is from~~ approximately 25% binder:75% phosphor particle by dry weight, to approximately 5% binder to 95% phosphor particle by dry weight.

14. through 17. (cancelled).

18. (new): A method of constructing a thick film electroluminescent device, the method comprising:

providing an insulating layer on a first electrode layer;

providing a uniform wet light emitting layer, comprising a phosphor-polymer dispersion, on the insulating layer;

drying the light emitting layer such that phosphor particles in the dispersion are made to protrude upwards, forming an undulating upper surface;

providing a transparent second electrode layer;

heating the light emitting layer and the insulating layer, so as to sinter the light emitting layer such that at least some of the phosphor particles sink into the insulating layer, thereby

increasing an interface area between the light emitting layer and the insulation layer and at least partially smoothing the undulating upper surface.

19. (new): The method according to claim 18, wherein the transparent second electrode layer is provided after sintering the light emitting layer.